

ABSTRACT OF THE DISCLOSURE

A sliding roof device for vehicles includes a movable panel to open or close an opening portion provided at a vehicle roof, a pair of guide rails provided at both sides in width direction of the opening portion and extending in longitudinal direction of the vehicle, an operation mechanism guided by the guide rail and supporting the movable panel, a drive device driving the operation mechanism, and a spur tooth rack belt connecting the operation mechanism with the drive device wherein the drive device includes a drive gearwheel engaging with the spur gear rack belt, and the drive gearwheel is formed with variable tooth thickness along the gear width.